

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 17 | (Baum.in. or Doubinina.in. or Studebaker.in. or ATM.as. or (Advanced adj technology adj material).as. or ATMI.as.) and (("A" or site or manganate) near4 deficien\$4) | US-PGPUB; USPAT | OR | ON | 2005/04/08 13:28 |
| L2 | 1 | (Baum.in. or Doubinina.in. or Studebaker.in. or ATM.as. or (Advanced adj technology adj material).as.) and (("A" or site or manganate) near4 deficien\$4) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 13:30 |
| L3 | 1 | (Baum.in. or Doubinina.in. or Studebaker.in. or ATM.as. or (Advanced adj technology adj material).as.) and (("A" or site or deficien\$4) near3 manganate) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 13:30 |
| L4 | 1 | (Baum.in. or Doubinina.in. or Studebaker.in. or ATM.as. or (Advanced adj technology adj material).as.) and (("A" or site or deficien\$4) near3 manganate) | US-PGPUB; USPAT | OR | ON | 2005/04/08 13:30 |
| L5 | 5 | (Baum.in. or Doubinina.in. or Studebaker.in. or ATM.as. or (Advanced adj technology adj material).as.) and (temperature near2 curie) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 13:31 |
| L7 | 25 | (Baum.in. or Doubinina.in. or Studebaker.in. or ATM.as. or (Advanced adj technology adj material).as.) and (GMR or CMR or magnetoresis\$5 or (magneto adj resist\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 13:32 |
| L8 | 87 | (Baum.in. or Doubinina.in. or Studebaker.in. or ATM.as. or (Advanced adj technology adj material).as.) and ((anneal\$4 or heat\$4 or bake or baked or baking or furnace) with (O2 or oxygen or "O.sub.2")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 13:33 |

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| L9 | 15 | (Baum.in. or Doubinina.in. or Studebaker.in. or ATM.as. or (Advanced adj technology adj material).as.) and (((anneal\$4 or heat\$4 or bake or baked or baking or furnace) with (O2 or oxygen or "O.sub.2")) same (mangan\$9 or deficien\$8 or \$10MnO or \$10MnO3 or "\$10MnO.sub.3" or magnetoresist\$6 or (magneto adj resist\$6) or RT or RTmax or Tc or "T.sub.c" or (curie adj (T or temp\$9)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 13:38 |
| L10 | 55 | (Baum.in. or Doubinina.in. or Studebaker.in. or ATM.as. or (Advanced adj technology adj material).as.) and ((anneal\$4 or heat\$4 or bake or baked or baking or furnace) with (mangan\$9 or deficien\$8 or \$10MnO or \$10MnO3 or "MnO.sub.3" or magnetoresist\$6 or (magneto adj resist\$6) or RT or RTmax or Tc or "T.sub.c" or (curie adj (T or temp\$9)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 13:39 |
| L11 | 48 | L10 not L9 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 13:40 |
| L12 | 23 | (360/326).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/04/08 13:40 |
| L13 | 2532 | (427/569,576,255.28,255.32).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/08 13:43 |
| L14 | 2319 | (427/128,130).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/08 13:43 |
| L15 | 3530 | (427/376.2,372.2).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/08 13:43 |
| L16 | 18 | (427/901).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/08 13:43 |
| L17 | 3192 | (428/692,693,694T,697).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/08 13:44 |
| L18 | 500 | (252/62.51R).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/08 13:45 |

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| L19 | 546 | (423/599).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/08 13:45 |
| L20 | 2532 | (427/569,576,255.28,255.32). CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/08 13:45 |
| L21 | 2319 | (427/128,130).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/08 13:45 |
| L22 | 3530 | (427/376.2,372.2).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/08 13:45 |
| L23 | 18 | (427/901).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/08 13:45 |
| L24 | 3192 | (428/692,693,694T,697).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/08 13:45 |
| L25 | 500 | (252/62.51R).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/08 13:45 |
| L26 | 546 | (423/599).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/08 13:45 |
| L27 | 11086 | L20 L21 L22 L23 L24 L25 L26 | US-PGPUB; USPAT | OR | ON | 2005/04/08 13:45 |
| L28 | 1 | L26 and (L20 or L21 or L23) | US-PGPUB; USPAT | OR | ON | 2005/04/08 13:45 |
| L29 | 8 | L26 and (L24 or L25) | US-PGPUB; USPAT | OR | ON | 2005/04/08 13:46 |
| L30 | 4 | L26 and (magnetoresis\$5 or (magneto adj resis\$5) or GMR or CMR or (Curie adj temperature)) | US-PGPUB; USPAT | OR | ON | 2005/04/08 13:46 |
| L31 | 11086 | L20 L21 L22 L23 L24 L25 L26 | US-PGPUB; USPAT | OR | ON | 2005/04/08 13:47 |
| L32 | 2 | L31 and (((("A" near2 site near2 deficien\$4)) | US-PGPUB; USPAT | OR | ON | 2005/04/08 13:47 |
| L33 | 2 | L31 and (((manganate or \$5MnO3 or \$5MnO or "MnO.sub.3" or "MnO.sub.x" or "MnO.sub.y" or "MnO.sub.z" or GMR or CMR or magnetoresis\$5 or (magneto adj resist\$5)) near2 deficien\$4)) | US-PGPUB; USPAT | OR | ON | 2005/04/08 13:48 |

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| L34 | 2 | L31 and (((manganate or \$5MnO3 or \$5MnO or "MnO.sub.3" or "MnO.sub.x" or "MnO.sub.y" or "MnO.sub.z" or GMR or CMR or magnetoresis\$5 or (magneto adj resist\$5 or (Curie adj temperature))) near8 deficien\$4)) | US-PGPUB; USPAT | OR | ON | 2005/04/08 13:49 |
| L36 | 36 | (((manganate or \$5MnO3 or \$5MnO or "MnO.sub.3" or "MnO.sub.x" or "MnO.sub.y" or "MnO.sub.z" or GMR or CMR or magnetoresis\$5 or (magneto adj resist\$5 or (Curie adj temperature))) near8 deficien\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 13:49 |
| L37 | 41 | ((("A" near2 site near2 deficien\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:11 |
| L38 | 165 | ((manganate or \$5MnO3 or \$5MnO or "MnO.sub.3" or "MnO.sub.x" or "MnO.sub.y" or "MnO.sub.z") with (GMR or CMR or magnetoresis\$5 or (magneto adj resist\$5) or (Curie adj temperature))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:11 |
| L39 | 165 | ((manganate or \$5MnO3 or \$5MnO or "MnO.sub.3" or "MnO.sub.x" or "MnO.sub.y" or "MnO.sub.z") with (GMR or CMR or magnetoresis\$5 or (magneto adj resist\$5) or (Curie adj temperature))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 13:52 |
| L40 | 16 | L39 and L31 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 13:51 |
| L41 | 17 | ((LCMO or LBMO or LMMO or LSMO) with (GMR or CMR or magnetoresis\$5 or (magneto adj resist\$5) or (Curie adj temperature) or deficien\$5 or poor)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:09 |
| L42 | 165 | ((manganate or \$5MnO3 or \$5MnO or "MnO.sub.3" or "MnO.sub.x" or "MnO.sub.y" or "MnO.sub.z") with (GMR or CMR or magnetoresis\$5 or (magneto adj resist\$5) or (Curie adj temperature))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 13:52 |

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| L43 | 113 | ((La or lanthanum) with (Mg or Magnesium or Ca or calcium or Sr or strontium or Ba or barium) with (Mn or manganese or manganese or manganate or MnO or MnOx or MnO3)) with (GMR or CMR or magnetoresis\$5 or (magneto adj resist\$5) or (Curie adj temperature) or deficien\$5 or poor)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 13:55 |
| L44 | 17 | ((LCMO or LBMO or LMMO or LSMO) with (GMR or CMR or magnetoresis\$5 or (magneto adj resist\$5) or (Curie adj temperature) or deficien\$5 or poor)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 13:57 |
| L45 | 113 | ((La or lanthanum) with (Mg or Magnesium or Ca or calcium or Sr or strontium or Ba or barium) with (Mn or manganese or manganese or manganate or MnO or MnOx or MnO3)) with (GMR or CMR or magnetoresis\$5 or (magneto adj resist\$5) or (Curie adj temperature) or deficien\$5 or poor)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 13:57 |
| L46 | 76 | L45 not (L39 or L44) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 13:57 |
| L47 | 0 | ((GMR or CMR or magnetoresis\$5 or (magneto adj resist\$5)) same (Curie adj temperature) same (anneal\$4 near\$5 (O2 or "O.sub.2" or oxygen))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:10 |
| L48 | 1 | ((GMR or CMR or magnetoresis\$5 or (magneto adj resist\$5))) and ((Curie adj temperature) same (anneal\$4 near\$5 (O2 or "O.sub.2" or oxygen))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 13:58 |
| L49 | 22 | ((GMR or CMR or magnetoresis\$5 or (magneto adj resist\$5)) same (anneal\$4 near\$5 (O2 or "O.sub.2" or oxygen))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:00 |
| L50 | 249 | ((anneal\$4 or heat\$4 or bake or baked or baking or furnace or oven) with (O2 or "O.sub.2" or oxygen) with (Tc or "T.sub.c" or (Curie adj temperature))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:01 |

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|-----|-----|---|---|----|----|------------------|
| L51 | 249 | ((anneal\$4 or heat\$4 or bake or baked or baking or furnace or oven) with (O2 or "O.sub.2" or oxygen) with (Tc or "T.sub.c" or (Curie adj (temperature or temp\$9 or T)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:34 |
| L52 | 10 | L51 and L31 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:04 |
| L53 | 12 | L51 and (lscvd or (ls adj cvd) or ((liquid or flash) with (\$5cvd or (vapor adj deposit\$4)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:46 |
| L54 | 17 | L51 and ((liquid or solution) near2 (reagent or precursor)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:07 |
| L55 | 1 | L51 and (LCMO or LBMO or LMMO or LSMO) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:09 |
| L56 | 9 | (GMR or CMR or magnetoresis\$5 or (magneto adj resist\$5) or TMR) and L51 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:10 |
| L57 | 1 | ((("A" near2 site near2 deficien\$4)) and L51 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:11 |
| L58 | 6 | (manganate or \$5MnO3 or \$5MnO or "MnO.sub.3" or "MnO.sub.x" or "MnO.sub.y" or "MnO.sub.z") and L51 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:13 |
| L59 | 220 | L51 not (L52 or L53 or L54 or L55 or L56 or L57 or L58) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:21 |
| L60 | 3 | L51 and ((Mn or mangan\$8) near3 (\$4oxide)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:24 |

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| L61 | 8 | (LaxMyMnO3 or LaxMgyMnO3 or LaxCayMnO3 or LaxSryMnO3 or LaxBayMnO3 or "La.sub.xM.sub.yMnO.sub.3" or "La.sub.xMg.sub.yMnO.sub.3" or "La.sub.xCa.sub.yMnO.sub.3" or "La.sub.xSr.sub.yMnO.sub.3" or "La.sub.xBa.sub.yMnO.sub.3") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:29 |
| L62 | 8427 | ((La or lanthanum) with (Mg or magnesium or Ca or calcium or Sr or strontium or Ba or barium) with (Mn or MnO3 or manganate or manganese or "MnO.sub.3")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:30 |
| L63 | 992 | ((La or lanthanum) with (Mg or magnesium or Ca or calcium or Sr or strontium or Ba or barium) with (MnO3 or manganate or "MnO.sub.3" or ((Mn or manganese) near2 \$4oxide))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:31 |
| L64 | 1071 | ((La or lanthanum) with (Mg or magnesium or Ca or calcium or Sr or strontium or Ba or barium) with (MnO3 or manganate or "MnO.sub.3" or ((Mn or manganese) near4 \$4oxide))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:31 |
| L65 | 34 | L64 and L31 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:31 |
| L66 | 176 | L64 and ((anneal\$4 or heat\$4 or bake or baked or baking or furnace or oven) with (O2 or "O.sub.2" or oxygen or Tc or "T.sub.c" or (Curie adj (temperature or temp\$9 or T)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:38 |
| L67 | 172 | L64 and ((anneal\$4 or heat\$4 or bake or baked or baking or furnace or oven) with (O2 or "O.sub.2" or oxygen)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:36 |
| L68 | 32 | L64 and (lscvd or (ls adj cvd) or ((liquid or flash) with (\$5cvd or (vapor adj deposit\$4)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:47 |
| L69 | 5 | L66 and L68 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:47 |

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| L70 | 27 | L68 not L69 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/08 14:47 |
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